

Math 6: Fractions

Unit Overview – Fractions (NS)

Students use the meaning of fractions, the meanings of multiplication and division, and the relationship between multiplication and division to understand and explain why the procedures for dividing fractions make sense. They will use these operations to solve problems. Students extend their previous understandings of number and the ordering of numbers to the full system of rational numbers, which includes negative rational numbers, and in particular negative integers. They reason about the order and absolute value of rational numbers and about the location of points in all four quadrants of the coordinate plane.

6.NS.A.1	Division of Fractions
6.NS.B.4	GCF, LCM, Distributive Property
6.NS.C.5	Situations that Represent Opposites; Explaining the Meaning of Zero
6.NS.C.6	Rational Numbers as Points on a Number Line and Coordinates in a Plane
6.NS.C.6a	Opposites
6.NS.C.6b	Ordered Pairs Indicate Locations on a Coordinate Plane
6.NS.C.6c	Graph Rational Numbers on a Number Line; Graph Ordered Pairs on a Coordinate Plane
6.NS.C.7	Ordering and Absolute Value of Rational Numbers
6.NS.C.7a	Interpret Statements of Inequality as Statements about the Relative Position on a Number Line
6.NS.C.7b	Explain Statements of Order in Real-World Contexts
6.NS.C.7c	Absolute Value